45261

Home Monitoring

Wireless Color Camera with Portable LCD Monitor

User Manual

www.jascoproducts.com

1-800-654-8483

Thank you for purchasing the GE 45261 Wireless Color Camera System with Portable LCD Monitor. Please review these instructions carefully before attempting to operate the unit.

PRODUCT FEATURES

- "Wi-Fi" internet friendly wireless system—won't interfere with home wireless networks
- Portable 2.5" LCD color monitor/receiver goes anywhere
- View up to two cameras automatically
- Audio Detection & Notification feature—alerts when sound is detected in a monitored area
- Night Vision feature for low or no light viewing up to 10 ft.
- Unique "axis-swivel" camera mount allows for desktop or wall installation
- Adjustable antenna for both camera and LCD monitor
- Wirelessly transmits audio and video up to 200 ft. (unobstructed line of sight).
- Camera for Indoor/Outdoor use

PACKAGE CONTENTS

Please check and identify all the parts before proceeding with the installation.

1. 45233 Wireless Color Camera
2. 45261 Portable 2.5” Color Monitor/Receiver
3. Charging cradle
4. Wall mounting hardware
5. 2 AC adapters
6. AV cable

BEFORE YOU INSTALL

When choosing the best location for the placement of the camera and LCD monitor, it is best to avoid any sources of possible RF interference such as microwave ovens and cordless phones. Proximity to these and other sources of RF interference can inhibit the proper functioning of the receiver.

The 900MHz video signals pass easily through your home’s interior walls, but the signal may be reflected by power wires or plumbing inside those walls. Usually a slight adjustment to the position of the Monitor/Receiver and/or Camera antenna will improve reception. Take care not to force the antennas past their lock positions.

CHOOSING A CAMERA MOUNTING LOCATION

The 45233 Wireless Color Camera can be positioned on a desktop, or mounted to a wall. It is suitable for indoor or outdoor use. When choosing a mounting location, please be advised:

- Do not use in wet locations. If using outside, position camera in a sheltered location.
- Do not position the camera so that it points directly into the sun or any bright light, as this may cause damage to the camera.
- Avoid viewing areas where half the area is in bright sunlight and the other half is dark, such as in the shadow of a building. All types of cameras have difficulty “seeing” into areas of such divergent light levels.
- In low light conditions, the camera will automatically activate the Infrared (IR) LED’s and switch the camera to Night Vision mode. Night Vision viewing distance is up to 10 feet.
- If using the included AC adapter to power the camera, it must be positioned no farther than 8’ from an AC outlet. Do not use the supplied adapter outside or run the cord through walls. Note: If additional cord length is required, 15 ft. extensions for the AC adapter are available by contacting Customer Service at 800-654-8483.

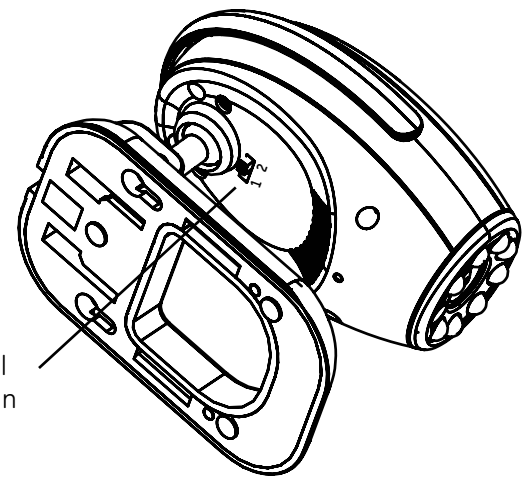
If using the optional rechargeable NiMH battery (sold separately), the operational time is up to 5 hours, depending on usage.

- The Camera has an unobstructed wireless transmission range up to 200 ft. from the receiver. Transmission distance indoors is reduced due to interior walls, wiring, household fixtures and metal plumbing.

CONNECTING THE CAMERA TO THE PORTABLE LCD MONITOR

Before beginning installation, we recommend that you temporarily "connect" the 45233 Color Wireless Camera to the 2.5" LCD Color Monitor to help familiarize yourself with the camera system and select the best location for installing the camera. The 45233 Camera and the 45236 Portable LCD monitor will connect wirelessly and automatically when both are powered on and within 200 ft. of each other (unobstructed view).

1. Set the channel selection switch located on the underside of the camera housing. Select either 1 or 2 for the camera.

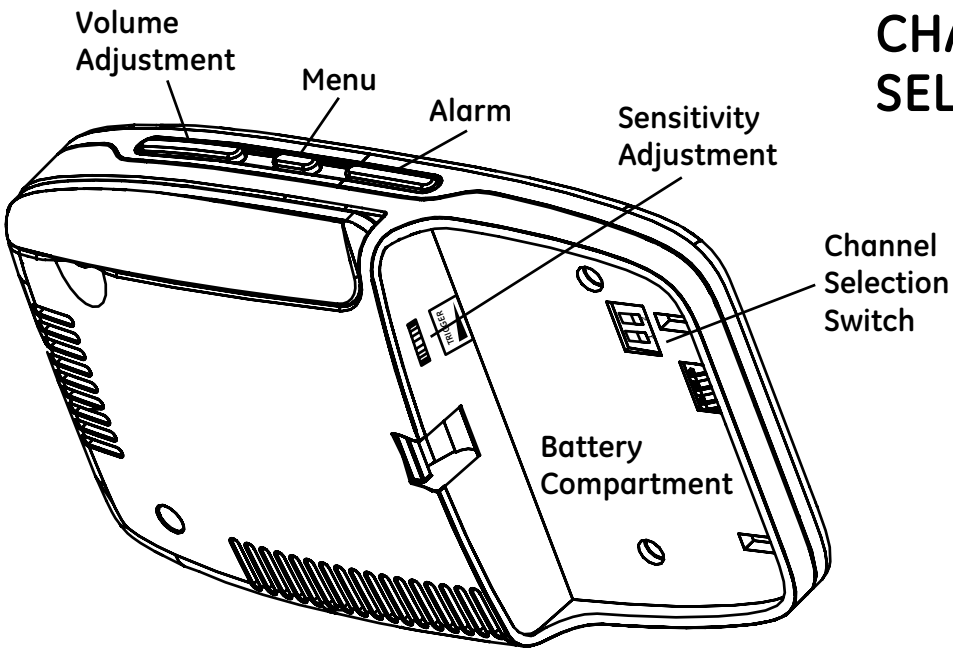


2. Similarly, set the slide switch located inside the battery compartment area of the Portable LCD monitor to match the channel used by the camera.

3. Plug AC power adapter of the LCD monitor into the power jack at the rear of the charging base. This provides power to the Portable LDC monitor and also charges the LCD monitor's battery.

4. Turn on the LCD monitor by pressing the POWER button ⏻ on the front of the monitor. Adjust the volume to the midpoint position.

5. Be sure to charge the Portable LCD Monitor for at least 3 hours before removing from the charging cradle in order to sufficiently charge the battery. Battery Standby time: up to 5hrs., continuous operation up to 3 hrs.

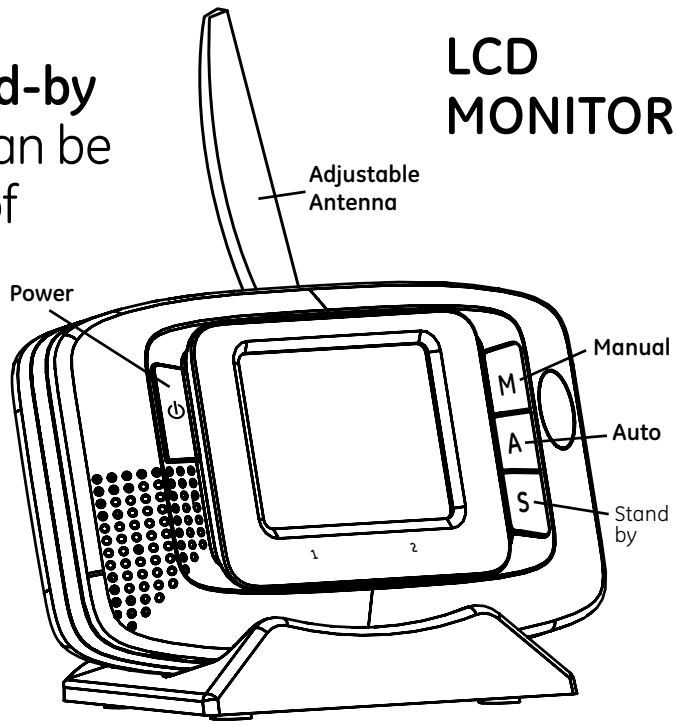


CHANNEL SELECTION

CHANNEL SELECTION

Manual, Auto or Stand-by

The wireless system can be set to operate in one of three modes: Manual, Auto or Stand-by. The desired operating mode can be selected using the buttons on the front panel of the LCD monitor.

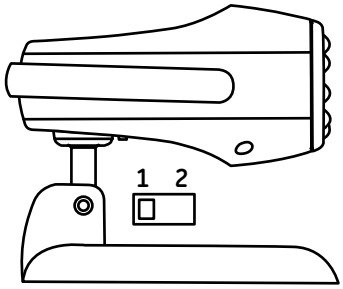


Manual Mode

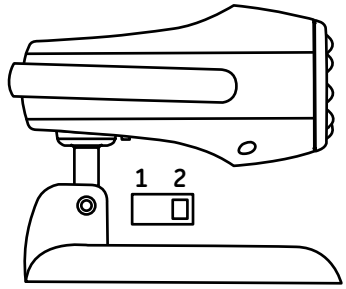
To select one of the two channels manually, press the 'M' (Manual) button on the front panel of the Monitor. The green LED will light for the corresponding channel. The Monitor will switch to a different channel (1 or 2) each time the MANUAL button is pressed. When you have selected the channel with the active camera, that video will appear on the monitor screen. Each camera must be assigned to a specific channel; both cameras cannot be on the same channel or the signals will cancel out.

Multi-Camera Operation

This wireless surveillance system is designed to work with up to 2 cameras. Additional cameras are sold

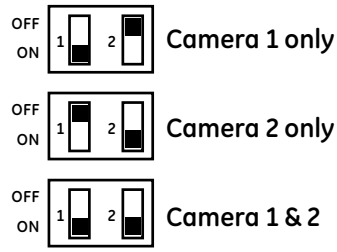


CAMERA 1
Channel Setting



CAMERA 2
Channel Setting

Portable LCD Monitor Settings



separately. IMPORTANT: When using more than one camera, each camera must be assigned to a specific channel using the channel selection switch located on the underside of the camera housing.

Select either 1 or 2 for each camera. Each camera must be assigned to a specific channel; both cameras cannot be on the same channel or the signals will cancel out. If using only one camera you can select either Ch 1 or Ch 2; whichever provides the best picture. The slide switch, located in the battery compartment of the LCD monitor, must be set to reflect the channels in use.

Auto Mode (2 Camera Operation)

To have the LCD Monitor automatically switch between two active channels, first check the monitor is set to 1 & 2 position. Next, press the 'A' (Auto) button on the front panel of the Monitor. The green LED will light and the Monitor will automatically switch to a different channel (1 or 2). The monitor will display images from both cameras alternately.

Note: two cameras must be available in order for Auto mode to operate correctly. Both cameras cannot be on the same channel or the signals will cancel out.

Stand-by Mode

Pressing the 'S' button places the system in Stand-by mode and will utilize the Audio Notification/ Detection feature (see pg. 12). The LCD monitor screen will turn off while in standby mode. In this mode the system continuously scans the active cameras. If a camera detects sound, the LCD monitor will turn on, display the camera's picture and an alert (beeping) will sound. Several minutes after the last detection, the screen returns to standby mode while the LCD monitor resumes scanning. Pressing the Manual or Auto button will also wake up the LCD.

Cycle Time Setting (Time interval between camera selections)

The default cycle time for the Portable LCD Monitor is preset to 4 seconds. To change the cycle time, press both of the buttons (Auto & Manual) simultaneously. The LED will flash; each flash adds one extra second of cycle time. The cycle time can be verified by the number of flashes the LED makes when you release the buttons—one flash equals one second. Cycle time can be set between 2-30 seconds.

Night Vision

The 45233 Wireless Color Camera features Night Vision technology. Objects and images can be seen in little or no light up to 10 ft. The camera uses a special image sensor that automatically detects available light levels. It turns on/off the Infra-Red (IR) LEDs on the front of the camera. These LEDs provide artificial light that allows the camera to 'see' in the dark. **Night Vision will appear as a Black and White image.** When the image sensor detects enough light, color will return to the images.

CAMERA INSTALLATION

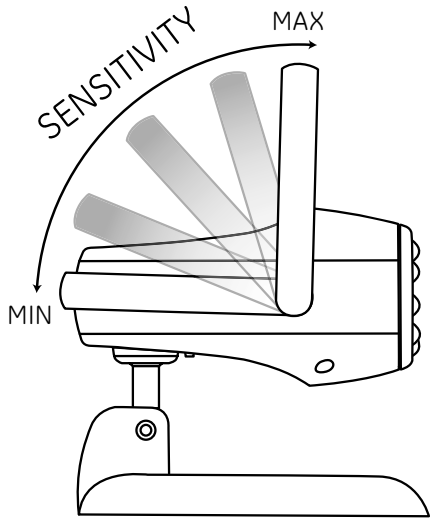
Desktop Mount:

1. Place camera in desired location on a flat surface.

2. Set Channel switch on camera to 1 or 2.

3. Power ON the LCD monitor; connect AC adapter to camera.

4. Select the channel (1 or 2) on the LCD monitor that



Antenna pivots to increase/decrease signal strength

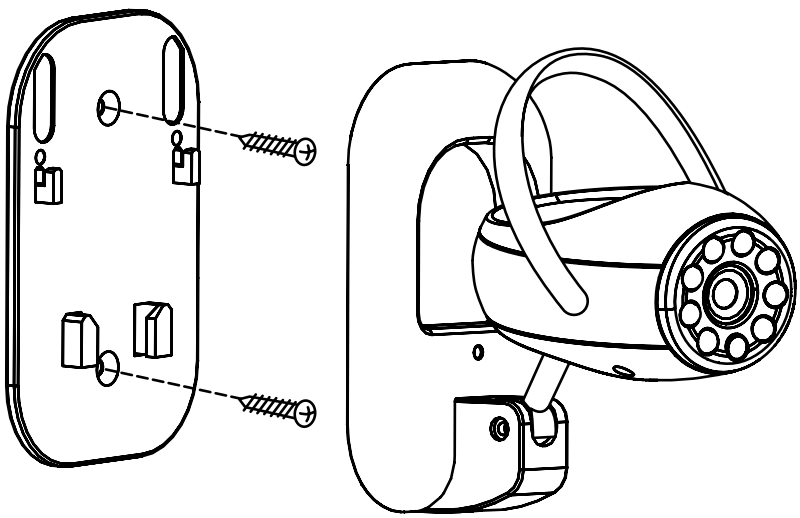
corresponds to the camera channel setting.

5. Adjust antenna and camera angle as needed for the clearest picture. Positioning the antenna upwards to improve sensitivity, and downwards to reduce sensitivity. Take care not to force the antennas past their lock positions.

Wall Mount:

1. To simplify the wall mount process, you will find a custom wall mounting plate included with the mounting hardware.

2. Select the ideal location. Using the supplied mount as a template, drill two 3/16" holes in the desired mounting location, and install the two wall anchors (included) into the holes, or screw directly into a wall stud. Secure the mounting plate to the wall, Do not run the adapter cable in walls; when securing the cable, do not cut or puncture.



3. Set Channel switch on camera to 1 or 2. Slide the camera onto the alignment and locking pins of the mounting plate. Plug in AC adapter into camera.

4. Adjust antenna and camera angle as needed for the clearest picture.

AUDIO DETECTION AND NOTIFICATION FEATURE

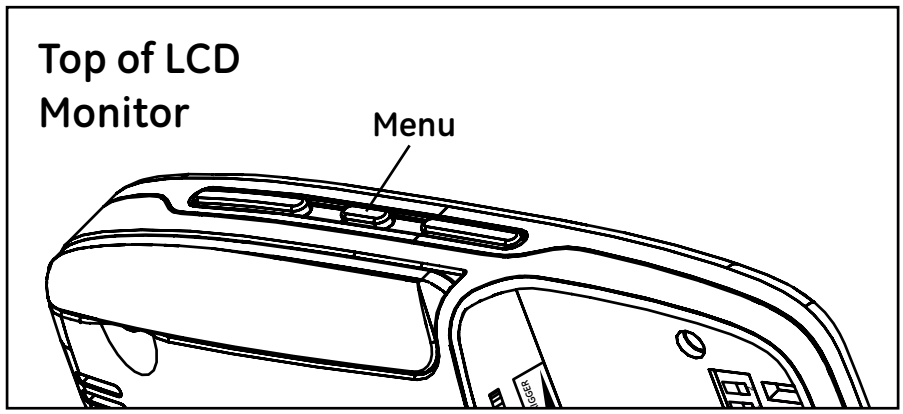
This feature allows the system to emit an audio alert whenever sound is detected within a monitored area. When the camera detects a sound, the LCD Monitor will sound an alert and then display the picture from the camera that detected the sound for a few seconds. The alert sound volume can be adjusted by pressing the Alarm Volume button on the top of the LCD Monitor. Sound sensitivity can be set with the sensitivity adjustment control on the back of the Monitor. The alert sound can be turned off by setting the sensitivity adjustment to the 'MIN' position.

MENU FUNCTIONS

By pressing the Menu button, you can adjust the brightness, color and contrast of the LCD monitor.

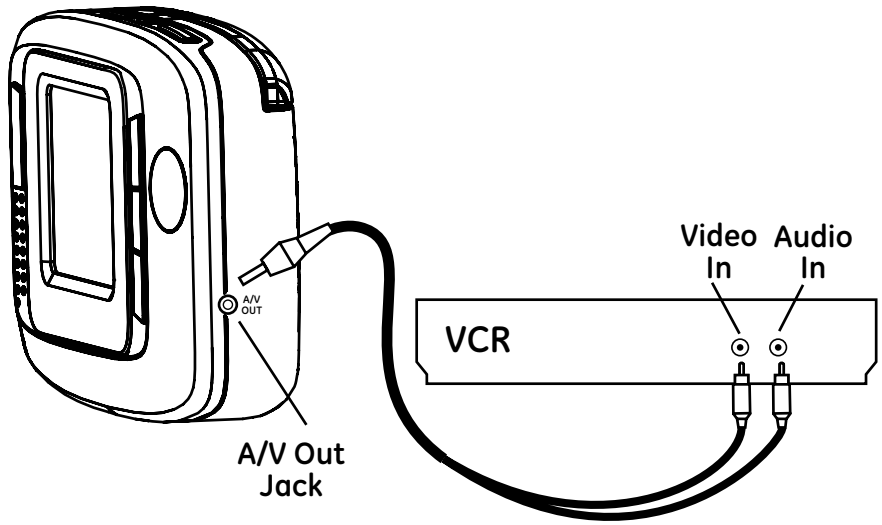
1. Pressing the "menu" button once...
   - the First LED will light-up in blue. You can then adjust the Brightness by pressing "+" or "-" on the Volume/Adjust Button. If no input is received within 30 seconds, it will revert back to Volume Adjust mode automatically.

2. Pressing the “menu” button twice...
   - the Middle LED will light-up in blue. You can then adjust the Color by pressing “+” or “-” on the Volume/Adjust Button. If no input is received within 30 seconds, it will revert back to Volume Adjust mode automatically.
3. Pressing the “menu” button three times...
   - the Third LED will light-up in blue. You can then adjust the Contrast by pressing “+” or “-” on the Volume/Adjust Button. If no input is received within 30 seconds, it will revert back to Volume Adjust mode automatically.
4. Pressing the “menu” button four times...
   - the blue LED will be off. Now you can adjust the Volume by pressing the “+” or “-” on the Volume/Adjust Button.



USING THE 45261 WIRELESS COLOR CAMERA SYSTEM WITH A VCR

You can connect the 45261 LCD Monitor (using the supplied A/V cable) to a VCR, DVR or another monitor in order to record/view the images received from up to 2 cameras. If connected to VCR or DVR, the VCR/ DVR must also be connected a TV/Monitor in order to see live or recorded images.

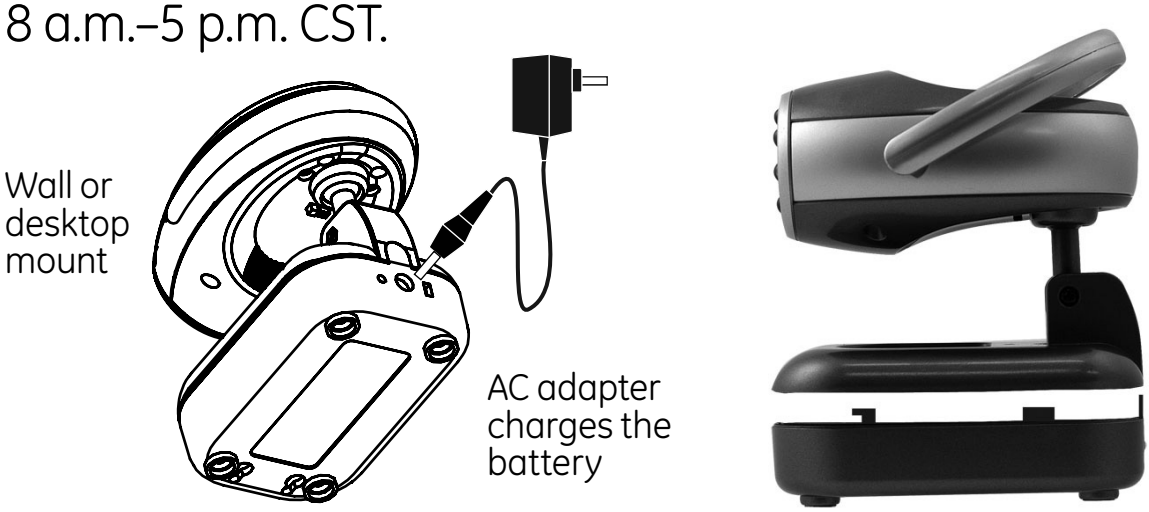


If you have any questions or feel the camera system is not operating correctly, or you simply need additional information, please visit our web site www.jascoproducts.com, or contact our Customer Service Group 1-800-654-8483.

OPTIONAL WIRELESS BATTERY PACK AVAILABLE (SOLD SEPARATELY)

Rechargeable NiMH Battery is available for use with the 45233 Wireless Color Camera. This 850mAh battery will power the 45261 wireless Camera for

approximately 5 hours* on a single charge. To order this battery, please visit **www.jascoproducts.com/batteryoffer** or call our Customer Support department at 1-800-654-8483, Monday–Friday, 8 a.m.–5 p.m. CST.



*If using the camera with battery in the night vision mode, usage is reduced to ~2 hrs.

TROUBLE SHOOTING

No camera picture

1. Check all connections. Make sure camera(s) & monitor are powered ON.
2. Ensure camera(s) & monitor are set to correct channel(s).
3. Make sure camera(s) is within range of monitor (receiver).

Blank monitor

1. Make sure LCD monitor is switched ON.
2. If using AC adaptor, make sure it is plugged in.
3. Make sure rechargeable battery is charged.

Interference on camera picture

1. Make sure each camera (transmitter) is within range, and that no large obstructions are blocking the signal.

2. Try repositioning the camera, LCD monitor or both to improve the reception quality.

3. Reposition other nearby equipment transmitting on the 900MHz frequency.

4. Adjust the antenna for the camera, LCD monitor or both to obtain best image.

Audio problems

1. Ensure the volume is turned up sufficiently on the monitor

2. Make sure the sound is within the microphone range.

3. If the units emit a loud wailing sound (feeds back), try moving the camera away from the LCD monitor or angle the monitor differently.

SPECIFICATIONS *(Subject to change without notice.)*

CAMERA

TV System: ..... NTSC standard
Image Sensor: ..... 1/3" CMOS
Integrated Lens: ..... 5.6mm, F1.8 fixed focus
Resolution: ..... 360 horizontal TV lines
Frequency Range: ..... 902~928MHZ
High Speed Electronic Shutter: ..... 1/60-1/15,000 sec

Mini. Illumination:.....0 lux at 3 ft, 0.5 lux at 10ft
Voltage.....9VDC
Current Consumption: .....150mA maximum
Modulation: .....FM
Channel Selection: .....Manual
Overall size: .....2.36"(W) x 2.76"(H) x 3.07"(D)

PORTABLE LCD MONITOR

Frequency Range: .....902~928MHz
Voltage.....9VDC
Current Consumption: .....475mA maximum
Channel selection:.....Electronic tuning with PLL
Battery..... Li-Polymer
Lithium Polymer Battery (Monitor):.....Standby time: ~5 hrs., continuous > 3 hrs.

GENERAL

Operating temperature: ..... 14°F to 104°F (-10°C to 40°C)
Humidity: .....Less than 85%

WARRANTY

ONE-YEAR LIMITED WARRANTY: Jasco Products Company warrants this product to be free from manufacturing defects for a period of one year from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties express or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If unit should prove defective within the warranty period, return prepaid with dated proof of purchase to:
Jasco Products Company
10 E. Memorial Road, Oklahoma City, OK 73114

⚠ WARNING

Risk of fire and shock

- Only use the supplied cUL listed AC to DC adapter.
- The supplied adapter is for indoor use only.
- Do not run the camera cable inside walls; when securing the cable, do not cut or puncture
- Do not use in wet locations

FCC STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following
measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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